***COMPLETE IN NOTEBOOK! SHOW ALL WORK IN NOTEBOOK!***  
  
Warm-Up Questions

CW65/HW65: ALL Special Right

**Geometry**

Due: Thurs, Mar. 2nd

|  |
| --- |
| **../../../../../Desktop/Screen%20Shot%202016-02-07%20at%206.18.01%20PM**Directions: For each problem below, state what type of special right triangle it is and find the missing side lengths. |

|  |  |  |
| --- | --- | --- |
| Directions: For each problem below, state what type of special right triangle it is and find the missing side lengths. | | |
| 1. **../../../Desktop/Screen%20Shot%202016-02-07%20at%206.20.29%20PM.png** | **../../../Desktop/Screen%20Shot%202016-02-07%20at%206.20.32%20PM.png**2. | **../../../Desktop/Screen%20Shot%202016-02-07%20at%206.20.36%20PM.png**3. |
| **../../../Desktop/Screen%20Shot%202016-02-07%20at%206.16.25%20PM.png** | | |

|  |
| --- |
| Directions for 14-16: Sketch the figure that is described. Find the requested length and leave it in simplified radical form. |
| 14. The side length of an equilateral triangle is 5 centimeters. Find the length of an altitude of the triangle. |
| 15. The perimeter of a square if 36 inches. Find the length of a diagonal. |
| 16. The Diagonal of a square if 26 inches. Find the length of the side. |

|  |  |  |  |
| --- | --- | --- | --- |
| Directions for 17-19: Find the area of the figure. Leave answers in radical form. | | | |
| 17.  **../../../../../Desktop/Screen%20Shot%202016-02-07%20at%206.42.48%20PM** | 18.  **../../../../../Desktop/Screen%20Shot%202016-02-07%20at%206.42.52%20PM** | | 19.  **../../../../../Desktop/Screen%20Shot%202016-02-07%20at%206.42.55%20PM** |
| **../../../../../Desktop/Screen%20Shot%202016-02-07%20at%206.54.41%20PM**20. | | | |
| 23. Label all missing sides and angles. | | 24. Label all missing sides and angles.    12 | |